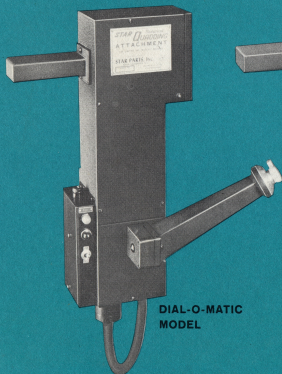
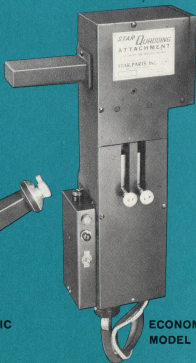


THERE'S A **STAR QUADDER** TO MEET EVERY "WHITE SPACE" NEED

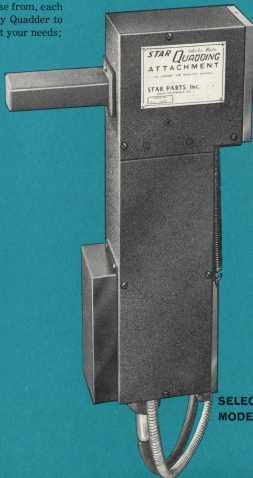
Star Quadders are available in three different models. Each can be modified to meet varying requirements in different composing rooms. There are eleven different versions of the three basic models to choose from, each designed for a specific type of work. From the basic Economy Quadder to full Selectro-Matic versatility, there is a Star Quadder to meet your needs;



**DIAL-O-MATIC
MODEL**



**ECONOMY
MODEL**



**SELECTRO-MATIC
MODEL**

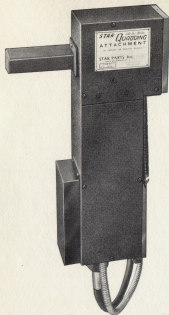
THE STAR QUADDER

is the original "outboard" Quadder and was the first to provide smooth, hydraulic vise-jaw control. Only Star Quadders are applicable to both Intertypes and Linotypes, regardless of age or model.

All Star Quadders are based on the "rack-and-gear-train" principle. Star Parts has improved the quadder through Practical Research and years of experience, but no Star Quadder has ever become obsolete. Since 1949, this simple design has stood the test of time, with the result that 98.6% of all Star Quadders ever built are still in profitable operation.

Operational reliability is built into Star Quadders. Every step of manufacture, assembly and testing is supervised by the same men who designed and built the original Star Quadders. Close field contact with operators and machinists — and a desire to listen to suggestions — have helped Star service and design engineers to produce quadders that meet the requirements of management, mechanical supervision and operation.

THERE'S A STAR QUADDER TO MEET YOUR NEEDS, *By Design!*



SELECTRO-MATIC QUADDER

There is a Star Quadder to meet your needs—by design.

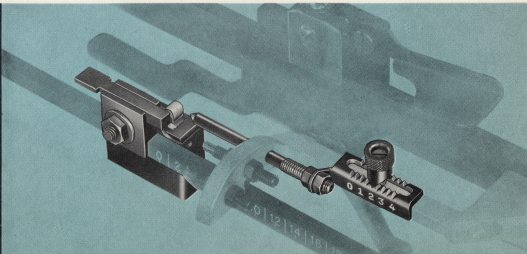
The most versatile Quadder on the market today is the Star Selectro-Matic Quadder. For ease and speed of operation, simplicity of maintenance, and profitable return, it is unequalled. Because it depends on electrical rather than mechanical components, for memory and control, its operation is instantaneous and trouble-free. The operator controls the Selectro-Matic Quadder from the keyboard, and his hands and eyes never leave his immediate work area in setting quadded composition.

CONVENIENT PUSH-BUTTON CONTROL

Push buttons, attached to the machine keyboard, control all quadder functions. The operator pushes a quadder button once, and all following lines will quad either left, right or center, depending on the button depressed. The operator may also prevent a line from casting by the flip of a convenient switch. Just as easily, the operator may disengage the quadder whenever a string of justified matter is to be set. The operator's hands and eyes never leave the machine keyboard when using the Selectro-Matic Quadder.

AUTOMATIC QUADDING OF SHORT LINES

The Short-Line Device automatically quads or centers "short" lines, depending on the control button depressed. When a full line is cast, a trip automatically disengages the quadder, and the line justifies. The Short-Line device saves time when setting widow lines, TV and radio listings, specialty work, and composition requiring both justified and quadded lines. With tape operation, the Short-Line Device saves time at the perforator keyboard, since many types of composition do not require quadding signals in the tape.



MEMORY SYSTEM FOR CONTINUOUS PRODUCTION

As soon as the assembling elevator returns to regular position, the quadder is ready for the next "instruction" from the operator. The Memory System remembers three signals simultaneously. The push-button controls may be left in the same position or can be changed immediately to some other quadding function, without waiting for the previous line to leave casting. Continuous operation means increased production, made possible by the Selectro-Matic memory system.

DOUBLE-SPEED MEASURE CONTROL

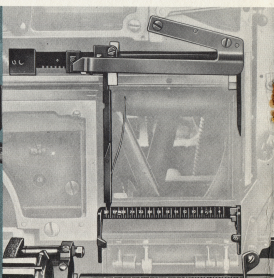
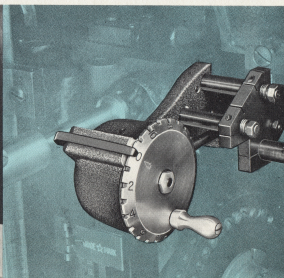
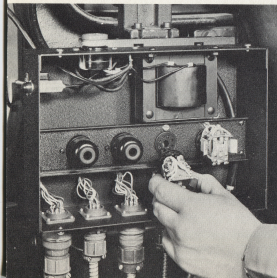
Measure changes are made twice as fast because the Star measure control moves the vise jaw two picas for each turn of the dial. Odd points are set as quickly as regular measures from the same high-speed dial, and it centers on any odd point. The assembler slide setting is made simultaneously from the dial, eliminating an extra, time-consuming operation by the operator. When changing measures, the Double-Speed Measure Control gets the machine into production faster.

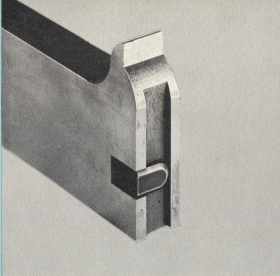
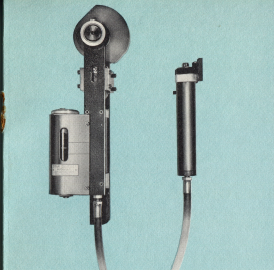
MOHR SAW SYNCHRONIZATION

The Mohr Saw synchronizes with the Selectro-Matic Quadder, as a production partner in the ad alley in general composition. The dial for the vise jaw and the assembler slide also controls the Mohr Saw. Because of linkage to the saw, the dial is on a 1:1 ratio to the saw, slide and jaw. Simultaneous installation of a Star quadder and saw saves money, because the Star control dial, which synchronizes quadder and saw settings, makes the Mohr measure control unit unnecessary.

NO-SET SLIDE SAVES TIME

The Star "No-Set" Delivery Slide automatically adjusts to any length of line. The same 30-pica setting of the long finger is used for all measures, from 4 picas up. When quadding, the "No-Set" Slide accommodates varying lengths of line. When a long run on a single measure is required, the slide is quickly set and securely locked at the correct line length. The square-tooth design of the sturdy clamp prevents slippage, and the long-finger block quickly adjusts when wear eventually occurs.





SIMPLE HYDRAULIC ACTUATION

Simplicity and positive action are the features of the Star Hydraulic Actuating Unit. Completely outboard and accessible for routine lubrication, this unit is the result of over twelve years of hydraulic experience and improvement.

The hydraulic unit consists principally of two cylinders with pistons, connected by a hose. The master cylinder is depressed on each cycle of the machine, by a specially designed cam. This raises the slave cylinder piston to give positive, controlled action to the quadder. Synchronization of vise jaw action and lock-up is automatic—it can not get out of time. A reservoir and two leak-proof valves complete the simple Star Hydraulic Unit.

POSITIVE VISE JAW SAFETY

The Microswitch Vise Jaw Safety, pioneered by Star Parts, prevents squirts. The jaws must close under pressure, to actuate a button in

the left-hand vise jaw, before a line can cast. Failure to close, by as little as .005", will lock out the pot pump action. Failure of any vise jaw safety component will also prevent casting. A light on the selector box indicates as each line is cast, and a toggle switch next to the light can be thrown to "kill" any unwanted line before it is cast.

ECONOMICAL TAPE OPERATION

Selectro-Matic Quadder economies increase when tape signals are used. The Star Quadder is capable of high-speed operation and automatically synchronizes with the machine speed. When the Star Quadder is under tape control, the perforator operator no longer need fill out a line, or waste time on unproductive calculations for centering. Tape signals provide effortless, positive control for all quadder functions. The "short-line" device remains in operation on tape, and short lines cast automatically. There are no "missed" lines. All Selectro-Matic Quadders already in use can be converted to tape operation in less than 30 minutes at negligible cost.

DIAL-O-MATIC QUADDER

MODEL H

The Dial-O-Matic Model is controlled by a convenient dial-type selector which is located on an extended arm within easy reach of the operator. Justification lockout during quadding is automatic, and saw synchronization is available as standard equipment. The assembler slide is set simultaneously with the vise jaw.

Both the Dial-O-Matic and Economy Star Quadder Models are simplified versions of the de luxe Selectro-Matic Quadder. They are designed to meet the specific, but more limited needs of plants not requiring such features as the Memory System, the Short Line Device and Push-Button or tape Controls. Both models are hydraulically actuated, and have the No-Set Delivery Slide, the Electro-Pump Stop and the Dial Measure Control. Either the Dial-O-Matic or Economy Quadder can later be built up to full Selectro-Matic versatility if required.

The Economy Quadder is intended for plants handling specialty work, requir-

DOUBLE SPEED MEASURE CONTROL

(Standard Equipment for Non-Saw Dial-O-Matic and Economy Models)

Because the Star measure control moves the vise jaw two picas for each dial turn, measure changes can be made twice as fast. Odd points are as quickly set as regular measures. On the Dial-O-Matic Model, the assembler slide and vise jaw settings are made simultaneously from the dial, eliminating an extra operation.

MOHR SAW SYNCHRONIZATION

(Standard for Dial-O-Matic Model, Optional Extra for Economy Model)

The Mohr Saw can be synchronized with both models for display, run-around, and other special kinds of composition. The Measure Control Dial simultaneously sets the left-hand vise jaw, the Mohr Saw and the assembler slide. The Dial has a 1 to 1 ratio on saw-equipped machines, compatible with the saw construction. You can save money by installing the Mohr Saw and Quadder at the same time, because the Star Control Dial takes the place of the Mohr Measure Control.

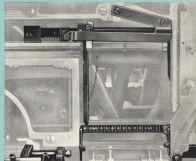
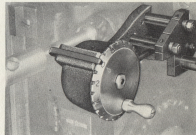
TIME-SAVING NO-SET SLIDE

(Standard Equipment for Dial-O-Matic and Economy Models)

The Star No-Set Delivery Slide adjusts automatically to any line length. On all measures, from 4 picas up, the same 30 pica setting of the long finger is used. For long runs on a single measure, the slide can be instantly set and firmly

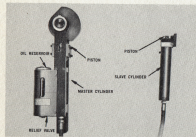
locked at the exact length of line required.

The No-Set Delivery Slide includes two Star improvements. The adjustable long finger block is of two-piece construction, providing for quick and easy compensation for wear without removing the slide or block from the machine. The positive, simple clamp for setting the long finger locks into slip-proof square teeth.



ing long runs of a single quadder function, such as imprints, which might all be centered and where changes to other quadder functions are infrequent. It also finds use in plants where the need for quadder production is great, but capital is limited.

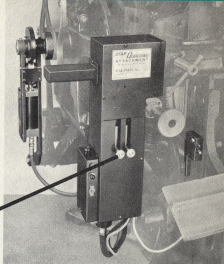
The Dial-O-Matic Quadder is adapted to the needs of the machine setting advertising copy, general commercial work, classified ads and similar "white space" composition. It also fits the needs of those who prefer mechanical over electrical operation. However, it does not have the full versatility of the Electro-Matic Quadder.



ECONOMY QUADDER

MODEL G

The Economy Quadder has dual-knob controls, located in the center of the quadder housing. Justification lockout during quadding is manually controlled. The assembler slide, and linkage necessary for saw synchronization are optional at extra cost.

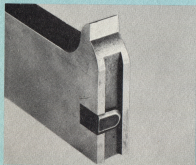


SIMPLE HYDRAULIC ACTUATING UNIT

(Standard Equipment for Dial-O-Matic and Economy Models)

These two quadder models utilize Star's basic design for all quadders — simple, positive, hydraulic actuation. This unit is completely accessible for routine lubrication and consists principally of two cylinders with pistons con-

nected by a hose. The master cylinder is depressed on every machine cycle by a specially designed cam. This action raises the slave cylinder piston and automates positive, controlled action to the quadder itself. Vise jaw action and lock-up are always synchronized with each other.



POSITIVE VISE JAW SAFETY

(Standard Equipment for Dial-O-Matic and Economy Models)

Squirts are prevented by the Star Electro-Pump Stop Safety. The jaws must close and actuate a button in the left hand vise jaw before a line can be cast. Failure to close by as little as .005"

will prevent pot pump action. Failure of any vise jaw component will also prevent casting. There is no lost production because of squirts. A dome light located on the quadder housing indicates when a line is being cast and a toggle switch located just below the light can be thrown to "kill" any unwanted line before it is cast.

EXCLUSIVE STAR FEATURES

UNIVERSAL DESIGN

The Selectro-Matic, Dial-O-Matic and Economy Quadders can be applied to all linecasting machines, regardless of age or model. This permits freedom of choice when selecting the machine to which it should be applied. It also allows standardization of quadder equipment with the resulting advantages of a reduced spare parts stock, iden-

tical maintenance procedures and operator familiarization. Because of its universal design, any Star Quadder may be removed if the machine itself is sold, and reapplied to newer equipment. Your investment in a Star Quadder is never lost.

SINGLE SHIFT INSTALLATION

Because of simple, outboard construction, a Star first, all Star Quadders can be installed in 8 hours. Production loss is minimized since quick installation can be arranged for a slack period.

QUADDER CONTROL

JUSTIFICATION LOCKOUT MEASURE CONTROL

STANDARD EQUIPMENT ON ALL STAR QUADDERS

	SELECTRO-MATIC			DIAL-O-MATIC			ECONOMY		
	L	FM	H	HM	HA	HMB	G	GM	GA
Memory system	✓	✓	✓	✓	✓	✓	✓	✓	✓
Short line device	✓	✓	✓	✓	✓	✓	✓	✓	✓
Push buttons	✓	✓	✓	✓	✓	✓	✓	✓	✓
Tape	✓	✓	✓	✓	✓	✓	✓	✓	✓
Dial selector	✓	✓	✓	✓	✓	✓	✓	✓	✓
Push-pull knobs	✓	✓	✓	✓	✓	✓	✓	✓	✓
Automatic	✓	✓	✓	✓	✓	✓	✓	✓	✓
Manual	✓	✓	✓	✓	✓	✓	✓	✓	✓
Double speed	✓	✓	✓	✓	✓	✓	✓	✓	✓
Single speed	✓	✓	✓	✓	✓	✓	✓	✓	✓
Assembler slide and brake linkage	✓	✓	✓	✓	✓	✓	✓	✓	✓
Adjustable locking screws and studs	✓	✓	✓	✓	✓	✓	✓	✓	✓
Hydraulic actuating unit	✓	✓	✓	✓	✓	✓	✓	✓	✓
No-Set delivery slide	✓	✓	✓	✓	✓	✓	✓	✓	✓
Electro-pump stop	✓	✓	✓	✓	✓	✓	✓	✓	✓
Assembling elevator gate and friction rail	✓	✓	✓	✓	✓	✓	✓	✓	✓
Vice jaws and blocks	✓	✓	✓	✓	✓	✓	✓	✓	✓
Line stop return and cover	✓	✓	✓	✓	✓	✓	✓	✓	✓

Text set in 10 point StarNews.



STAR PARTS Co.

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32 noon

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Moscow, Idaho, Sept. 12 (AP) — Idaho's Yandals may get to play a practice football game sooner than they expected.

Coach Skip Stahley had not planned to have a full game.

Audio oscillators

fiers, pulse and timing

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smooth

pre-perm haircut

quality cold wave

conditioning shampoo

sheen, shine

styled setting

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AM to the Age

Social Security Changes

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Sugar Act Extension

Lead Grades Program

CHAPTER

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he was restored to

he was restored to comparative health

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murder, protests his in-

how life he once saved

Smith, Ray Stewart (R)

brother again cries to

Wheel himself about in a wheeled chair

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